

### **ABSTRACT OF THE DISCLOSURE**

A periodic signal is driven onto a transmission line, and the frequency of the periodic signal is varied from an initial frequency that corresponds to a quarter wave or half wave of an estimated length of the transmission line. A null or a peak in the envelope of the voltage or current wave induced on the transmission line by the periodic signal is detected at or near the end of the transmission line onto which the signal is driven. The frequency of the periodic signal that caused the null or peak may be used to calculate the length of the transmission line or a propagation delay through the transmission line. A plurality of transmission lines may be deskewed by determining the propagation delay through each transmission line and adjusting a variable delay in each transmission line so that the transmission lines approximately equal overall propagation delays.